



RES
market places

Wood chips boiler financed by TPF for a school building in St. Florian

Project idea and execution

A Third-Party Financing Scheme made the installation of a biomass boiler in agricultural school in St. Florian/Upper Austria possible. The ESCO is the company Ing. Aigner GesmbH. The biomass boiler has an installed capacity of 700 kW with a pipeline of 100 meters between the plant and the school, the construction time of the plant was only 10 weeks. As fuel, wood chips are used which are delivered by farmers from the surrounding area and which are stored in a 190 m³ storage. The plant is working fully automatically, and for important operation data - such as emissions, temperature levels etc. - an online connection to the ESCO is set up which allows regular monitoring.



The period of the TPF contract is 15 years. In the heat price, all costs for the investment, the maintenance and the operation are included. The total investment was about 385,000 Euro.

Lessons learned

It is very important that such a big plant runs fully automatically. The online monitoring of the plant ensures an efficient operation as no staff is needed directly at the plant. The TPF scheme made the investment in this sustainable solution possible.

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